

Patent Abstracts of Japan

PUBLICATION NUMBER : 2002331383
PUBLICATION DATE : 19-11-02

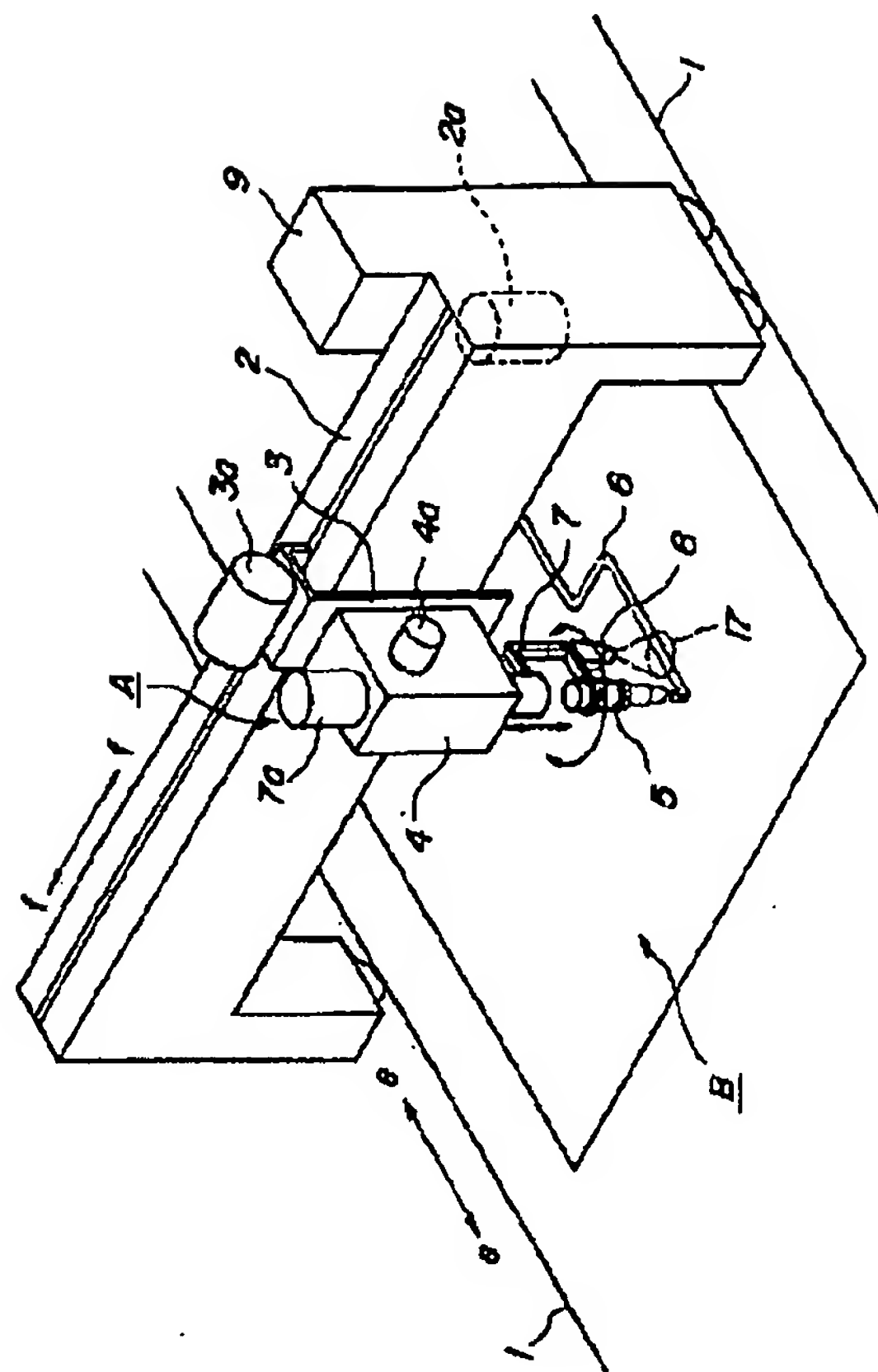
APPLICATION DATE : 08-05-01
APPLICATION NUMBER : 2001137143

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INT.CL. : B23K 31/00 B23K 7/00 // B23K 10/00
B23K 26/00

TITLE : MONITORING DEVICE FOR CUTTING



ABSTRACT : PROBLEM TO BE SOLVED: To provide a monitoring device for cutting dispensing with monitoring of a cutting width by an operator by a method wherein the actual cutting width in the vicinity of the backward of a cutting torch during cutting is detected by a cutting width detecting means, then the cutting width actually cut and the allowable cutting width previously specified are compared, and when the actual cut width is deviated from the allowable cut width, cutting defect is determined.

SOLUTION: By providing CCD camera 8 on a rotating device 7 rotating around the cutting torch 5, a cutting width L of an actual cutting groove 6 in the vicinity of the backward of the cutting torch 5 during the cutting is photographed to compare with the previously specified allowable cutting width, and when the cutting width L of the actual cut groove 6 is deviated from the allowable cutting width, the cutting defect is determined.

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